INTERNATIONAL SEARCH REPORT

Internatio pplication No PCT/EP 03/11720

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L12/18 H04L29/06								
According to International Patent Classification (IPC) or to both national classification and IPC								
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)								
Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic data base consulted during the International search (name of data base and, where practical, search terms used)								
EPO-Int	ernal							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the reli	evant passages	Relevant to claim No.					
A	WO 03 019861 A (KELLER RALF; LOHN THORSTEN (DE); HUNDSCHEIDT FRANK ERICSSO) 6 March 2003 (2003-03-06 page 4, line 9 - line 26 page 7, line 12 -page 8, line 3 page 9, line 9 -page 10, line 14	1–15						
A	US 2001/029525 A1 (LAHR NILS B) 11 October 2001 (2001-10-11) paragraph '0008!; figures 2,6	1-15						
Furt	her documents are listed in the continuation of box C.	X Patent family members are listed	l in annex.					
"A" docume	ent defining the general state of the art which is not defend to be of particular relevance	"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention						
filing o	ent which may throw doubts on priority claim(s) or	cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone 'Y' document of particular relevance; the claimed invention						
citatio	Is cited to establish the publication date of another n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	cannot be considered to involve an in document is combined with one or m ments, such combination being obvious	nventive step when the hore other such docu—					
'P' docum	means ent published prior to the international filing date but han the priority date claimed	in the art. & document member of the same patent family						
Date of the actual completion of the international search Date of mailing of the international search report								
1	2 February 2004	15/03/2004						
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer						
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Frey, R						

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Information on patent family members

Internation Diplication No
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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 03019861	Α	06-03-2003	MO	03019861 A2	06-03-2003
US 2001029525	A1	11-10-2001	AU WO	3657101 A 0155913 A1	07 - 08-2001 02 - 08-2001